This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A compound of Formula I, or a pharmaceutically acceptable salt or ester or prodrug thereof:

wherein:

A is

- i) -OH:
- ii) -ORp, where Rp is a hydroxy protecting group;
- iii) -R1, where R1 is aryl, substituted aryl, heteroaryl, or substituted heteroaryl;
- iv) -OR1, where R1 is as previously defined;
- v) -R2, where R2 is
 - (a) hydrogen;
 - (b) halogen;
 - (c) -C₁-C₆ alkyl containing 0, 1, 2, or 3 heteroatoms selected from O, S or N, optionally substituted with one or more substituents selected from halogen, aryl, substituted aryl, heteroaryl, or substituted heteroaryl;
 - (d) -C2-C6 alkenyl containing 0, 1, 2, or 3 heteroatoms selected from O, S, or N, optionally substituted with one or more substituents selected from halogen, aryl, substituted aryl, heteroaryl, or substituted heteroaryl; or

- (e) -C₂.C₆ alkynyl containing 0, 1, 2, or 3 heteroatoms selected from O, S or N, optionally substituted with one or more substituents selected from halogen, aryl, substituted aryl, heteroaryl, or substituted heteroaryl;
- vi) -OR2, where R2 is previously defined;
- vii) -S(O)_nR₁₁, where n=0, 1 or 2, and R₁₁ is R₁ or R₂, where R₁ and R₂ are as previously defined;
- viii) -NHC(O)R₁₁, where R₁₁ is as previously defined;
- ix) -NHC(O)NHR₁₁, where R₁₁ is as previously defined;
- x) -NHS(O)2R11, where R11 is as previously defined;
- NR14R15, where R14 and R15 are each independently R11, where R11 is as previously defined; or
- xii) -NHR3, where R3 is an amino protecting group;

B is

- i) hydrogen;
- ii) deuterium;
- iii) halogen;
- iv) -OH;
- v) -R1, where R1 is as previously defined;
- vi) -R2, where R2 is as previously defined; or
- vii) -ORp, where Rp is as previously defined, provided that when B is halogen, -OH or ORp, A is R1 or R2, where R1 and R2 are previously defined;

or, alternatively, A and B taken together with the carbon atom to which they are attached are

- i) C=O;
- C(OR2)2, where R2 is as previously defined;
- iii) C(SR2)2, where R2 is as previously defined;
- iv) $C[-O(CH_2)_m]_2$, where m=2 or 3;
- v) C[-S(CH₂)_m]₂, where m is as previously defined;
- vi) C=CHR11, where R11 is as previously defined;
- vii) C=N-O-R₁₁, where R₁₁ is as previously defined;
- viii) C=NNHR11, where R11 is as previously defined;
- ix) C=NNHC(0)R₁₁, where R₁₁ is as previously defined;
- x) C=NNHC(O)NHR₁₁, where R₁₁ is as previously defined;
- xi) C=NNHS(O)2R11, where R11 is as previously defined;
- xii) C=NNHR3, where R3 is as previously defined; or

xiii) C=NR₁₁, where R₁₁ is as previously defined;

L is

- i) -CH3;
- ii) -CH2CH3;
- iii) -CH(OH)CH3;
- iv) -C₁-C₆ alkyl, optionally substituted with one or more substituents selected from aryl, substituted aryl, heteroaryl, or substituted heteroaryl;
- -C2-C6 alkenyl, optionally substituted with one or more substituents selected from aryl, substituted aryl, heteroaryl, or substituted heteroaryl; or
- -C2-C6 alkynyl, optionally substituted with one or more substituents selected from aryl, substituted aryl, heteroaryl, or substituted heteroaryl;

D is -CH2N(Q)-, -C(O)N(R')-, or -C(OR')=N-, wherein R' is R11 as previously defined;

Q is

- hydrogen;
- -C1-C12 -alkyl, C3-C12 -alkenyl, or C3-C12 -alkynyl, all optionally substituted with one, two or three substituents independently selected from:
 - (a) halogen;
 - (b) -OR6, wherein R6 is selected from:
 - hydrogen;
 - -C1 -C12 -alkyl containing 0, 1, 2, or 3 heteroatoms selected from O, S or N, optionally substituted with one, two, or three substituents independently selected from aryl, substituted aryl, heteroaryl, or substituted heteroaryl;
 - aryl;
 - substituted aryl;
 - 5. heteroaryl; and
 - substituted heteroaryl;
 - NR4R5, where R4 and R5 are each independently R6, where R6 is as previously defined, or in the alternative R4 and R5, together with the atom to which they are attached, form a heterocycloalkyl or substituted heterocycloalkyl moiety;
 - (d) -N-O-R6, where R6 is as previously defined;

- (e) -R1, where R1 is as previously defined;
- (f) -C3-C8 -cycloalkyl;
- (g) substituted -C3 -C8 -cycloalkyl;
- (h) heterocycloalkyl;
- (i) substituted heterocycloalkyl;
- -NHC(O)R₆, where R₆ is as previously defined;
- (k) -NHC(O)OR7, where R7 is selected from:
 - -C1 -C12 -alkyl containing 0, 1, 2, or 3 heteroatoms selected from O, S or N, optionally substituted with one, two, or three substituents independently selected from aryl, substituted aryl, heteroaryl, or substituted heteroaryl;
 - aryl;
 - substituted aryl;
 - heteroaryl; or
 - substituted heteroaryl;
- -NHC(O)NR4R5, where R4 and R5 are as previously defined;
- (m) -OC(O)NR4R5, where R4 and R5 are as previously defined;
- (n) -OC(O)R7, where R7 is as previously defined;
- (o) -OC(O)OR7, where R7 is as previously defined;
- (p) -OC(O)NR4R5, where R4 and R5 are as previously defined,
- (q) -C(O)R₆, where R₆ is as previously defined,
- (r) -CO₂R₆, where R₆ is as previously defined, or
- (s) -C(O)NR4R5, where R4 and R5 are as previously defined;

X is hydrogen;

Y is

- hydrogen;
- ii) -OH;
- iii) -ORp, where Rp is as previously defined;
- iv) -OR₁₁, where R₁₁ is as previously defined;
- v) -OC(O)R₁₁, where R₁₁ is as previously defined;
- vi) -OC(O)NHR11, where R11 is as previously defined;
- vii) -S(O)_nR₁₁, where n and R₁₁ are as previously defined;

viii)

(1) where R_3 " is hydrogen or methyl; R_4 " is hydrogen or R_p , where R_p is as previously defined;

ix)

(1) where R_3 " is as previously defined; R_5 " is NH2 or R_{am} , where R_{am} is protected amino;

or, in the alternative, X and Y are combined together to form oxo;

Z is

- hydrogen;
- ii) methyl; or
- iii) halogen; and

R2' is hydrogen or Rp, where Rp, is as previously defined.

2. (currently amended) A compound according to claim 1, or a pharmaceutically acceptable salt or ester or prodrug thereof, wherein D is -CH₂N(Q)-.

(currently amended) A compound according to claim 1, or a
pharmaceutically acceptable salt or ester or prodrug thereof, wherein D is -CH₂N(Q)-; X is
hydrogen; and Y is

wherein R3", R4" and R5" are each as defined in claim 1.

4. (currently amended) A compound according to claim 3, or a pharmaceutically acceptable salt or ester or prodrug thereof, wherein Y is

- 5. (currently amended) A compound according to claim 1, or a pharmaceutically acceptable salt or ester $\frac{1}{1}$ or $\frac{1}{1}$ or $\frac{1}{1}$ succeptable salt or ester $\frac{1}{1}$ or $\frac{1}{1}$ thereof, wherein D is -N(Q)CH₂ and X and Y taken together are oxo.
- (currently amended) A compound according to claim 1, or a
 pharmaceutically acceptable salt or ester or prodrug thereof, wherein D is -N=CH(OR')-,
 wherein R' is as defined in claim 1.
- 7. (currently amended) A compound according to claim 1, or a pharmaceutically acceptable salt or ester or prodrug thereof, wherein D is -C(O)N(R')-, wherein R' is as defined in claim 1.

(currently amended) A compound according to claim 1, or a
pharmaceutically acceptable salt or ester or prodrug thereof, selected from the group consisting
of:

- (i) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is C=CH₂, D is -CH₂N(Q)-, Q = X = Z = H, Y = OH, L = CH₂CH₃, R₂' = Ac:
- (ii) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is C=CH₂, D = -CHN(Q)-, Q = Z = H, X and Y taken together are oxo, $L = CH_2CH_3$, $R_2' = H$;
- (iii) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached are C=CH₂, D = -CH₂N(Q)-, Q = CH₃, X = Z = H, Y = OH, L = CH₂CH₃, R₂' = H;
- (iv) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached are C=CH₂, D = -CH₂N(Q)-, Q = CH₃, Z = H, X and Y taken together are oxo, $L = CH_2CH_3$, $R_2' = H$;
- (v) a compound of Formula I, wherein A=H, B=CH3, D=-CH2N(Q)-, Q=X=Z=H, Y=OH, L=CH2CH3, R2'=Ac;
- (vi) a compound of Formula I, wherein A = H, $B = CH_3$, $D = -CH_2N(Q)$ -, Q = X = Z = H, Y = OH, $L = CH_2CH_3$, $R_2' = H$:
- (vii) a compound of Formula I, wherein A = H, B = CH₃, D = -CHN(Q)-, Q = Z = H, X and Y taken together are oxo, L = CH₂CH₃, R₂' = H:
- (viii) a compound of Formula I, wherein A = H, $B = CH_3$, $D = -CH_2N(Q)$ -, $Q = CH_3$, X = Z = H, Y = OH, $L = CH_2CH_3$, $R_2' = H$:
- (ix) a compound of Formula I, wherein A = H, $B = CH_3$, D = -CHN(Q)-, $Q = CH_3$, Z = H, X and Y taken together are oxo, $L = CH_2CH_3$, $R_2' = H$;
- $\mbox{(x)} \qquad \mbox{a compound of Formula I, wherein A = H, B = CH_3, D = -(C=NOH)-, X = Z = H, Y =$

 $L = CH_2CH_3$, $R_2' = Ac$;

 $\mbox{(xi)} \qquad \mbox{a compound of Formula I, wherein } A=H,B=CH_{\mbox{3,}}D=-C(=O)NH_{\mbox{-}},X=Z=H,Y=$

 $L = CH_2CH_3$, $R_2' = Ac$;

(xii) a compound of Formula I, wherein A = H, $B = CH_3$, $D = -C(=O)NH_-$, X = Z = H, Y =

 $L = CH_2CH_3$, $R_2' = H$;

- (xiii) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached = C=CH₂, D = -CHN(Q)-, Q = CH₂-Ph, Z = X = H, Y = OH, L = CH₂CH₃, R₂' = H;
- (xiv) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached = $C=CH_2$, $D=-CH_2N(Q)$ -, $Q=CH_2$ -Ph, Z=H, X and Y are taken together are oxo, $L=CH_2CH_3$, $R_2'=H$;
- (xv) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached = $C=CH_2$, $D=-CH_2N(Q)$ -, $Q=CH_2$ -(2-pyridyI), Z=X=H, Y=OH, $L=CH_2CH_3$, $R_2'=H$;
- (xvi) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached = $C=CH_2$, $D=-CH_2N(Q)$ -, $Q=CH_2-(2-pyridyI)$, Z=H, X and Y taken together are oxo, $L=CH_2CH_3$, $R_2'=H$;
- (xvii) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached = $C=CH_2$, $D=-CH_2N(Q)-$, $Q=CH_2-(3-quinolyl)$, Z=H, X and Y taken together are oxo, $L=CH_2CH_3$, $R_2'=H$;

- (xviii) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached = $C=CH_2$, $D=-CH_2N(Q)-$, $Q=CH_2-(3-quinolyI)$, Z=H, X and Y taken together are oxo, $L=CH_2CH_3$, $R_2'=H$;
- (xix) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached = $C=CH_2$, $D=-CH_2N(Q)$ -, $Q=CH_2(CH=CH)$ -Ph, Z=X=H, Y=OH, $L=CH_2CH_3$, $R_2'=H$;
- (xx) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached = $C=CH_2$, $D=-CH_2(Q)$ -, $Q=CH_2(CH=CH)$ -Ph, Z=H, X and Y taken together are oxo. $L=CH_2CH_3$. $R_2'=H$:
- (xxi) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached = C=CH₂, D = -CH₂N(Q)-, Q = CH₂CH=CH-(2-pyridyl), Z = X=H, Y = OH, L = CH₂CH₃, R₂' = H:
- (xxii) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached = $C=CH_2$, D=-CHN(Q)-, $Q=CH_2CH=CH-(2-pyridyl)$, Z=H, X and Y taken together are oxo, $L=CH_2CH_3$, $R_2'=H_1$;
- (xxiii) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached = $C=CH_2$, $D=-CH_2N(Q)$ -, $Q=CH_2C=C$ -(3-quinolyl), Z=H, X and Y taken together are oxo, $L=CH_2CH_3$, $R_2'=H$;
- (xxiv) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached = $C=CH_2$, $D=-CH_2N(Q)$ -, $Q=CH_2C\equiv C$ -(3-quinolyl), Z=H, X and Y taken together are oxo, $L=CH_2CH_3$, $R_2'=H$;
- (xxv) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached = C=CH-CH=CH-Ph, $D = -CH_2N(Q)$ -, $Q = CH_3$, Z = H, X and Y taken together are oxo, $L = CH_2CH_3$, $R_2' = H$;
- (xxvi) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached = C=CH-CH=CH-(3- pyridyl), D = -CH₂N(Q)-, Q = CH₃, Z = H. X and Y taken together are oxo, L = CH₂CH₃, R₂' = H:
- (xxvii) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached = C=CH-CH=CH-(3- quinolyl), D = -CH₂N(Q)-, Q = CH₃, Z = H. X and Y taken together are oxo. L = CH₂CH₃, R₂' = H:
- (xxviiii) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached = C=CH-(3-quinolyl), $D = -CH_2N(Q)$ -, $Q = CH_3$, Z = H, X and Y taken together are oxo, $L = CH_2CH_3$, $R_2' = H$; and

- (xxix) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached = C=CH-Ph, D = -CHN(Q)-, Q = CH3, Z = H, X and Y taken together are oxo, L = CH2CH3, R2' = H.
- (xxx) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is C=CH₂, D is -CH₂N(Q)-, Q = X = Z = H, Y = OH, $L = CH_2CH_2CH_3$, $R_2' = H$:
- (xxxi) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is C=CH₂, D is -CH₂N(Q)-, Q = CH₂CH₂CH₃, X = Z = H, Y = OH. $L = CH_2CH_3$, $R_2' = H$:
- (xxxii) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is $C=CH_2$, D is $-CH_2N(Q)$ -, $Q=CH_2CH_2CH_3$, Z=H, X and Y taken together are oxo, $L=CH_2CH_3$, $R_2'=H$;
- $(xxxiii) \qquad \text{a compound of Formula I, wherein } A=H, B=CH_3, D=-CH_2N(Q)-, Q=CH_2CH_2CH_3, Z=H, X \text{ and } Y \text{ taken together are oxo, } L=CH_2CH_2CH_3, R_2'=H;$
- (xxxiv) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is C=O, D is -CH₂N(Q)-, Q = Z = H, X and Y taken together are oxo, $L = CH_2CH_3$, $R_2' = H$;
- (xxxv) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is C=O, D is -CH₂N(Q)-, $Q = CH_3$, Z = H, X and Y taken together are oxo, $L = CH_2CH_3$, $R_2' = H$;
- (xxxvi)a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is C=O, D is -CH₂N(Q)-, $Q = CH_2CH_2CH_3$, Z = H, X and Y taken together are oxo, $L = CH_2CH_3$, $R_2' = H$;
- (xxxvii) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is C=N-OH, D is -CH₂N(Q)-, Q = Z = H, X and Y taken together are oxo. $L = CH_2CH_3$. $R_2' = H$:
- (xxxviii) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is C=N-OH, D is -CH₂N(Q)-, Q = CH₃, Z = H, X and Y taken together are oxo, $L = CH_2CH_3$, $R_2' = H$;
- (xxxix)a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is C=N-OH, D is -CH2N(Q)-, Q = CH2CH2CH3, Z = H, X and Y taken together are oxo, L = CH2CH3, R2' = H;

(xl) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is C=N-O-R₁₁, $R_{11} = [5-(6-aminopyrid-2-yl)thien-2-yl]methyl$, D is -CH₂N(Q)-, Q = Z = H, X and Y taken together are oxo, L = CH₂CH₃, $R_2' = H$;

- (xli) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is C=N-O-R₁₁, R₁₁ = [5-(6-aminopyrid-2-yl)thien-2-yl]methyl, D is -CH₂N(Q)-, Q = CH₃, Z = H, X and Y taken together are oxo, L = CH₂CH₃, R₂' = H;
- (xlii) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is C=N-O-R $_{11}$, R $_{11}$ =[5-(6-aminopyrid-2-yl)thien-2-yl]methyl, D is -CH $_{2}$ N(Q)-, Q = CH $_{2}$ CH $_{2}$ CH $_{3}$, Z = H, X and Y taken together are oxo, L = CH $_{2}$ CH $_{3}$, R $_{2}$ ' = H:
- (xliii) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is C=N-O-R₁₁, $R_{11} = [2-(pyrazol-1-yl)pyrid-5-yl]methyl, D$ is -CH₂N(Q)-, Q = Z = H, X and Y taken together are oxo, L = CH₂CH₃, $R_2' = H$;
- (xliv) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is C=N-O-R₁₁, R₁₁ = [2-(pyrazol-1-yl)pyrid-5-yl]methyl, D is -CH₂N(Q)-, Q = CH₃, Z = H, X and Y taken together are oxo, L = CH₂CH₃, R₂' = H;
- (xlv) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is C=N-O-R11, R11 = 5-[2-(pyrazol-1-yl)pyrid-5-yl]methyl, D is -CH2N(Q)-, Q = CH2CH2CH3, Z = H, X and Y taken together are oxo, L = CH2CH3, R2' = H:
- (xIvi) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is $C=CH_2$, D is $-CH_2N(Q)_-$, Q=X=Z=H, Y=

 $L = CH_2CH_3$, $R_2' = H_3$

(xIvii) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is C=CH₂, D is -CH₂N(Q)-, Q = CH₃, X = Z = H, Y =

 $L = CH_2CH_3$, $R_2' = H_3$

(xlviii) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is $C=CH_2$, D is $-CH_2N(Q)_-$, $Q=CH_2CH_2CH_3$, X=Z=H, Y=

 $L = CH_2CH_3$, $R_2' = H$;

(xlix) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is C=N-O-R₁₁, $R_{11} = [5-(6-aminopyrid-2-yl)thien-2-yl]methyl$, D is -CH2N(O)-, O = X = Z = H, Y =

 $L = CH_2CH_3$, $R_2' = H$;

(I) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is C=N-O-R₁₁, R₁₁ = [5-(6-aminopyrid-2-yl)thien-2-yl]methyl, D is -CH₂N(Q)-, Q = CH₃, X = Z = H, Y =

 $L = CH_2CH_3$, $R_2' = H_3$

(li) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is C=N-O-R $_{11}$, R $_{11}$ = [5-(6-aminopyrid-2-yl)thien-2-yl]methyl, D is -CH $_{2}$ N(O)-, O = CH $_{2}$ CH $_{2}$ CH $_{3}$, X = Z = H, Y =

 $L = CH_2CH_3$, $R_2' = H$;

(lii) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is C=N-O-R₁₁, $R_{11} = [2-(pyrazol-1-yl)pyrid-5-yl]methyl$, D is $-CH_2N(Q)-$, Q=X=Z=H, Y=

 $L = CH_2CH_3$, $R_2' = H$;

 $\label{eq:compound} \begin{tabular}{ll} (liii) & a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is C=N-O-R_{11}, R_{11} = [2-(pyrazol-1-yl)pyrid-5-yl]methyl, D is $$-CH_2N(Q)_-$, $Q = CH_3$, $X = Z = H$, $Y = $$$

 $L = CH_2CH_3$, $R_2' = H_3$

(liv) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is C=N-O-R₁₁, R₁₁ = [2-(pyrazol-1-yl)pyrid-5-yl]methyl, D is -CH₂N(O)-, O = CH₂CH₂CH₃, X = Z = H, Y =

 $L = CH_2CH_3$, $R_2' = H$;

(Iv) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is C=N-O-R₁₁, R₁₁ = [5-(6-aminopyrid-2-yl)thien-2-yl]methyl, D is -CH₂N(Q)-, Q = X = Z = H, Y =

 $L = CH_2CH_3$, $R_2' = H$;

(Ivi) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is C=N-O-R₁₁, $R_{11} = 2$ -[5-(6-aminopyrid-2-yl)thien-2-yl]methyl, D is -CH₂N(Q)-, Q = CH₃, X = Z = H, Y =

 $L = CH_2CH_3$, $R_2' = H$;

(Ivii) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is C=N-O-R $_{11}$, R $_{11}$ = [5-(6-aminopyrid-2-yl)thien-2-yl]methyl, D is -CH $_{2N}$ (O)-, O = CH $_{2C}$ (H $_{3}$, X = Z = H, Y =

 $L = CH_2CH_3$, $R_2' = H$;

(lviii) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is C=N-O-R₁₁, $R_{11} = 5$ -[2-(pyrazol-1-yl)pyrid-5-yl]methyl, D is -CH₂N(Q)-, Q = X = Z = H, Y =

 $L = CH_2CH_3, R_2' = H;$

 $\label{eq:continuity} (lix) \quad \mbox{a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is C=N-O-R_{11}, R_{11} = [2-(pyrazol-1-yl)pyrid-5-yl]methyl, D is -CH_2N(Q)-, Q = CH_3, X = Z = H, Y =$

L = CH2CH3, R2' = H; and

(lx) a compound of Formula I, wherein A and B taken together with the carbon atom to which they are attached is C=N-O-R11, R11 = [2-(pyrazol-1-yl)pyrid-5-yl]methyl, D is $-CH_2N(Q)$ -, Q = $CH_2CH_2CH_3$, X = Z = H, Y =

$L = CH_2CH_3, R_2' = H.$

(currently amended) A compound according to claim 1, or a
pharmaceutically acceptable salt or ester or prodrug thereof, selected from the group consisting of:

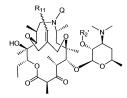
$$H_2N$$
 H_2N
 H_2N

- 10. (currently amended) A pharmaceutical composition comprising:
- a compound of Formula I as defined in claim I, or a pharmaceutically acceptable salt or ester or prodrug thereof, in an amount effective for treating or preventing a bacterial infection; and

- (ii) a pharmaceutically acceptable carrier.
- 11. (currently amended) A pharmaceutical combination of
- (i) a compound of Formula I as defined in claim 1, or a pharmaceutically acceptable salt or ester or product thereof, and
- (ii) an antibacterial agent other than a compound of Formula I or a salt, ester or prodrug thereof;

wherein the compound of Formula I or its pharmaceutically acceptable salt or ester or prodrug and the antibacterial agent are each employed in an amount that renders the combination effective for treating or preventing a bacterial infection.

- 12. (currently amended) A method for treating or preventing a bacterial infection in a subject in need thereof, which comprises administering to the subject a therapeutically or prophylactically effective amount of a compound according to claim 1, or a pharmaceutically acceptable salt or ester or prodrug thereof.
- 13. (currently amended) A method for treating or preventing a bacterial infection in a subject in need thereof, which comprises administering to the subject a therapeutically or prophylactically effective amount of a pharmaceutical composition according to claim 10.
- 14. (currently amended) A method for treating or preventing a bacterial infection in a subject in need thereof, which comprises administering to the subject a therapeutically or prophylactically effective amount of a pharmaceutical combination according to claim 11.
 - 15. (original) A process for the preparation of a compound of formula:



wherein Q and R2' are each as defined in claim 1, which comprises:

(1) reacting a compound of formula:

with an alkylating agent of formula:

in the presence of a phosphine ligand and Pd(O) catalyst under reflux conditions to prepare a compound of the Formula:

wherein: R8 is

a.

- a. hydrogen,b. -CH2O(CH2)2OCH3,
- c. -CH2O(CH2O)_nCH3 where n is zero, 1 or 2;
- d. -C₁-C₁₂ alkyl, optionally substituted with one or more substituents selected from aryl, substituted aryl, heteroaryl and substituted heteroaryl;

- e. -C3-Cl2 cycloalkyl;
- f. -C(O)-C1-C12 alkyl;
- g. -C(O)-C3-C12 cycloalkyl;
- h. -C(O)-R1, where R1 is as previously defined; or
- -Si(R_a)(R_b)(R_c), wherein R_a, R_b and R_c are each independently selected from C₁-C₁₂ alkyl, aryl and substituted aryl;

R2' and R4" are as previously defined in claim 1; and

R₁₁ is as defined in claim 1 and R₁₂ is C₁-C₁₂ alkyl;

(2) treating the compound obtained in step (1) with an aqueous base to obtain the Z-oxime of formula:

 $(3) \qquad \text{reacting the compound prepared in step (2) with an oxime activating agent and quenching with methanol to prepare a compound of formula:}$

(4) reacting the compound prepared in step (3) with a reducing agent to prepare compound of formula:

 $\ensuremath{(5)}$ reacting the compound prepared in step (4) with a mild acid to prepare a compound of formula:

(6) reacting the compound prepared in step (5) with an agent containing the group Q selected from the group consisting of an alkylating agent, an alkyl halide in the presence of a base, and an aldehyde via reductive amination in the presence of NaCNBH3 to prepare a compound of formula:

(7) oxidizing the hydroxyl in the 3 position of the compound prepared in step (6) via Dess-Martin oxidation, Corey-Kim oxidation, or a Moffat oxidation to prepare a compound of formula:

16. (original) A process of preparing compounds of formula:

which comprises

(a) reacting a compound of formula:

with CH2=CH-R11 in the presence of a ruthenium catalyst;

wherein Q, R2', and R11 are each as defined in claim 1.

17. (original) A process of preparing compounds of formula:

which comprises

(a) reacting a compound of formula:

with R₁₁-halide under Heck coupling conditions using a palladium catalyst optionally with a phosphine ligand;

wherein Q and R2' are each as defined in claim 1; and R11 is aryl, substituted aryl, or C1-C6 alkyl substituted with aryl or substituted aryl.

18. (original) A process of preparing a compound of the Formula:

which comprises:

(a) performing ozonolysis on a compound of formula:

wherein Q and R2 ' are each as defined in claim 1.

19. (original) A process of preparing a compound of formula:

which comprises:

(a) reacting a compound of formula:

with a phosphoylid under Wittig conditions;

wherein Q, R2', and R11 are as defined in claim 1.

20. (original) A process of preparing a compound of formula:

which comprises:

(a) reacting a compound of formula:

with a Grignard reagent containing the R₁₁ group;

wherein Q, R2', and R11 are as defined in claim 1.